eonon

Model:G2213D

User Manual

Please read this manual before using and save this manual for future reference.

Thank you for buying this product, please read through these operating instructions, so you will know how to operate your model properly. After you have finished reading the instructions, put them away in a safe place for future reference .

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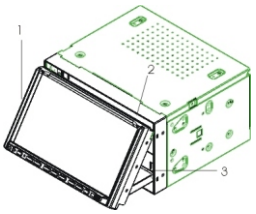
IMPORTANT: Please adjust screen to make the touching effect function best when you initiate the unit for the first time.
For the details, please refer to the operation at Page 9.

NOTE: Due to the continuous product improvement, specifications and design are subject to change without prior notice.

PRECAUTIONS

1. Be sure to connect the color coded leads according to the diagram. Incorrect connections may cause the unit to malfunction or damage the vehicles electrical system.
2. Be sure to connect the speaker (-) leads to the speaker (-) terminal. Never connect the left and right channel speaker cables each other or to the vehicle body.
3.Make sure all the connections are completely correct before turning on your unit.
4. When replacing the fuse(s), the replacement must be of the same amperage as shown on the fuse holder.
5. Do not block vents or radiator panels. Heat may be caused inside and some accident may be resulted by fire.
6 After completing the installation and beginning to play the unit (including replacing the battery),please press RESET button on the front panel with pointed object (such as ball-point pen) to set the unit to initial status.
7.Keep hands, finger, or any other object away from the back of the front panel or gaps of the base top (shown as picture) when closing or opening to avoid damage or injury.



Replacing the Fuse
Make sure the amperage matches the specified value when replacing the fuses. If the fuse is blown, check the power connection and replace with a new one. If the same problem occurs, it would be subjected to the malfunction in-house.In such cases, please consult the nearest service dealer.

WARNING:
Never use the fuse with the rated amperage more than that supplied to your unit, other - wise the unit will be damaged .

PRECAUTIONS

This unit can play the following discs only:

Type of disc	Label on the disc	Recorded material	Size of disc
DVD	DVD VIDEO	Sound and moving pictures	12cm
VCD	VIDEO CD / COMPACT disc DIGITAL VIDEO	Sound and moving pictures	12cm
CD	COMPACT disc DIGITAL AUDIO	Sound only	12cm
MP3	COMPACT disc DIGITAL AUDIO MP3	Sound only	12cm
NOTE: The unit is compatible with VCD1.0/2.0/3.0 version and DVCD disc.			

*Do not attempt to modify the unit, modifying the unit may cause an accident.

*Stop the vehicle before carrying out any operation that could interfere with your driving.

*Do not work in extremely high or low temperature. Be sure the temperature inside the vehicle is between +60° C and -10° C before turning on your unit .

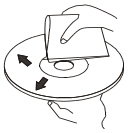
*To enjoy optimum sound and images while playing, handle the discs as follows:

——Handle the disc by its edge to keep the disc clean, and do not touch the surface.

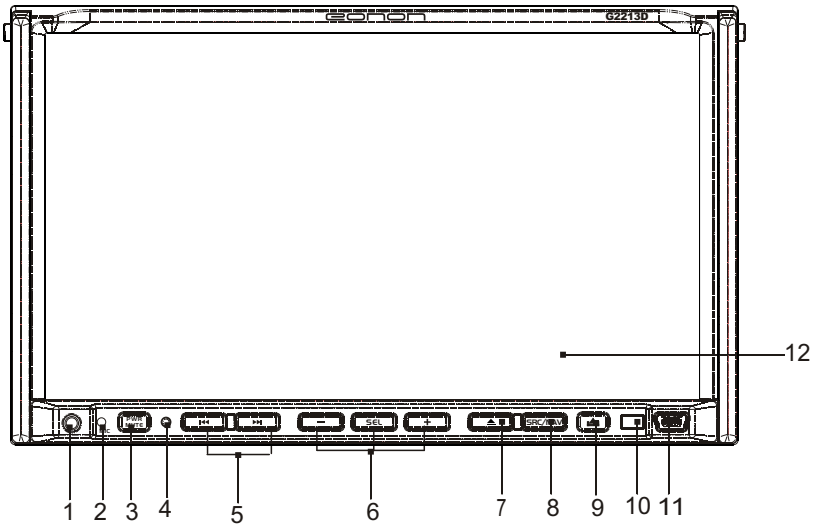
——Do not use your CDs with paste residue or ink attached.

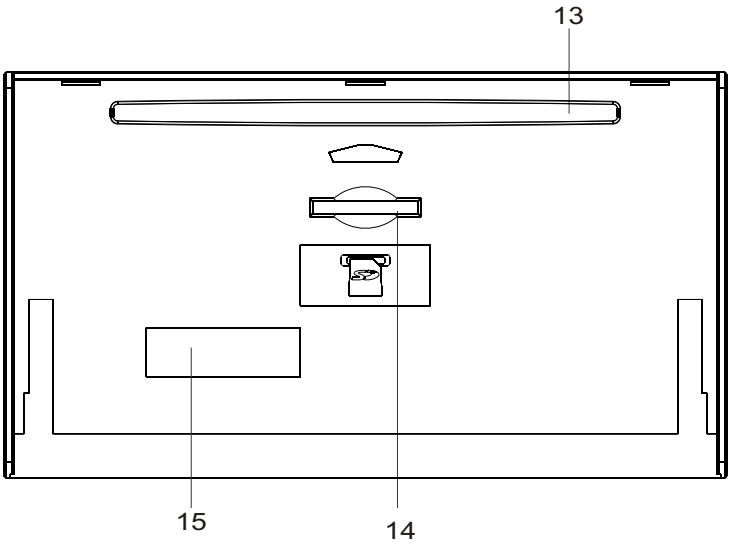
——Do not use CDs with labels or stickers attached, which may leave a sticky residue while beginning to peel off. (Shown as the picture)

——Clean the discs with an optional cleaning cloth. Wipe each disc from the center out. (Shown as the picture)



FRONT PANEL





FRONT PANEL

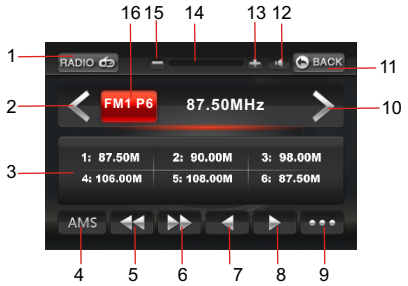
1.**AUX IN**
Connect the audio cable to the unit then you can enjoy the music.
2. **MIC**
3. POWER /MUTE
Press the button to turn on the unit and press and hold the button to turn off the unit.
In power on, press to shut off the sound output and press it again to resume previous sound.
4. **RESET**
5. ⏮/⏭
In radio mode, press and hold to manual seek a station. Press to automatic seek a station.
In playback mode, long press to select fast forward or fast backward. Press to select last or next track(chapter)
6.**SEL +/-**
In radio mode, press this button to start the system setup.
Then press + button to increase the corresponding item level and press - button to decrease the corresponding item level.
In playback mode, press this button to start setup page.
7. ⏏
Press to eject a disc.
Press and hold this button to force ejecting a disc when the system becomes frozen. accidentally.
8.**SRC/NAV**
Press the button repeatedly to switch sources.
Press and hold this button to start navigation operation.
9. ⏏
Press to open/close the front panel. During opening the front panel, you can press the button to set the panel angle.
10. **IR WINDOW**
11. **USB SLOT**
12. **TFT DISPLAY**
13. **DISC LOADING SLOT**
14. **SD slot**
Insert the SD card, the unit will play the items automatically.

Note:
When the SD card could not eject automatically after pressing, it is suggested to take it out manually.

MENU SYSTEM

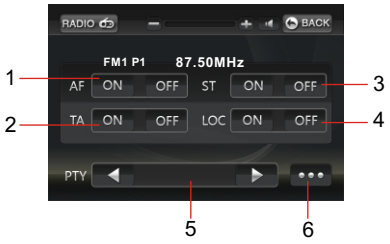
The users can perform operation by touching screen directly.

RADIO OPERATION



1. **CURRENT STATUS**
2/10. **< / >**
To switch bands.
3.**Station preset button**
To display the preset station list
(touch one of the station preset button to recall the radio which stored on the position; long touch to save the current frequency into the station)
4.**AMS**
To browse preset stations.
To search and store stations automatically(long touch).
5/6. **>> / <<**
To seek a station automatically.
7/8. ◀ / ▶
To seek a station manually.
9. **RDS**
To go to RDS operation
11.**BACK**
To be back to display the SOURCE screen
12. **MUTE**
To shut off the audio output and touch again to resume.
13/15. **+/-**
To increase or decrease the volume.
14. **Volume bar**
16. **BAND AND PRESET STATION DISPLAY**

RDS OPERATION



1.**AF**
ON: To turn on AF function.
OFF: To turn off AF function.
2.**TA**
ON: To turn on TA function.
OFF: To turn off TA function.
3.**ST**
ON: To turn on STEREO function.
OFF: To turn on MONO function.
4.**LOC**
ON: To tune in local area.
OFF: To tune in local and distant area.
5.**PTY**
To select one of the program types.
6.**RADIO**
To go to radio operation.

MENU SYSTEM

MULTI-- PLAYER OPERATION

In DVD/VCD mode, the touch screen displays as following after tapping at random position.

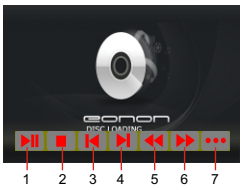


Fig.1

Fig.2

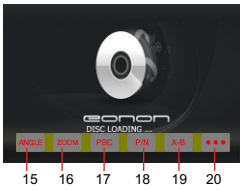


Fig.3

1.
To start/pause the playback.
2.
To stop playing, touch twice to stop completely.
3/4.
To select previous/next chapter or track.
5/6.
To play in fast rewind or fast forwards mode.
7/14/20.
To select more items.
8.
To play in random order.
9.
To select one of the repeat modes.
10.OSD
To select title elapsed, title remain, chapter elapsed, chapter remain, display off.
11.SUB-T.
To select the subtitle type if the DVD supports.
12.MENU
To display the DVD SETUP screen.
13.TITLE
To display the title menu.
15.ANGLE
To change the DVD viewing angle if the DVD supports.
16. ZOOM
To change the DVD viewing scale if the DVD supports.
17.PBC
To display the PBC menu in VCD mode.
18.P/N
To select PAL ,AUTO or NTSC system
19.A-B
To play the selected A-B section.

NOTE: Touch the left middle position twice to display the TITLE MENU selection screen, touch the right middle position twice to display the ROOT MENU selection screen, touching the right top position to display the number keyboard.
You can select chapter(track) by press the touchable screen or the RC.

Setup Operation

TOUCH ON THE TOP RIGHT POSITION TO ENTER SOURCE INTERFACE.
The unit will return to the previous mode if no operation is performed in 5 seconds.

Touch on SET button on the above fig.. The user can start the system setting.

1. SETUP
Touch on the SETUP button and the screen will display as following:

Fig.1

Fig.2

TIME MODE
Set the time display mode(12H/24H).
TOUCH SCREEN
To calibrate the touch screen.
RADIO REGION
To select the right region as per the user locates.

Tapping on ▼ button to turn to next page shown as fig.2.

In FIG.2
TIME ADJUSTMENT
To adjust the time by tapping ▲▼ button;
TIME DISPLAY
ON: To display the time
OFF: To turn off the time display mode.

SW CONTROL OPERATION

Tapping on ▼ button to turn to next page shown as fig.3.

Fig.3

Fig.4

SW control

To set 6 short-cut bottons for the steering wheel control.

The screen will display as fig.4 if there is no set for the system.
There are 10 buttons for selection in each item:
POWER, SRC, PREV, NEXT, VOL+,VOL-, MUTE, PAUSE, and .

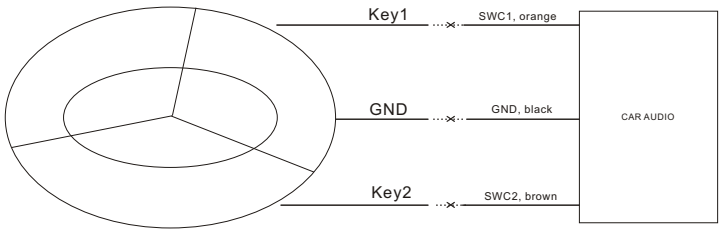
Please refer to the following sequential order to finish the setting:
1. Touch on one of the 6 BLANK columns position on the screen;
2. Press one button on the SW control;
3. The relative information jumps out on the screen;
4. Touch one of the functions as the wanted function for the pointed button on SW control;

Note:
1.The group-setting can be erased by pressing and holding the selected group.
2. If there is already a set item, press the corresponding button on the SW control and the screen will display: ***Exist key X***.
3. Different buttons on the SW can be defined to the same function. The defined button can be redefined after erasing the previous function.

SW CONTROL INSTALLATION

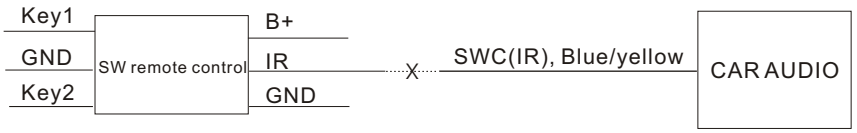
Before installing the SW control, please make sure all the wires are in good condition.
For installation, please refer to the illustrations below:

In case of connecting to the SWC (steering wheel control):



SWC

in case of connecting to the SW remote control:



Please consult the professional technicians for advice if the unit cannot work as expected.

2.Audio

Touch on the AUDIO button and the screen will display as following:

Fig.1

Fig.2

Fig.3

In FIG.1, the user can adjust the value of BASS, TREBLE and SUB WOOFER by tapping on + / - on the touch screen.

Tapping on ▲ button to turn to previous page shown as fig.2.

In FIG.2, the user can turn on/off the BEEP and LOUD function by tapping ON or OFF button.

Tapping on ▼ button to turn to next page shown as fig.3.

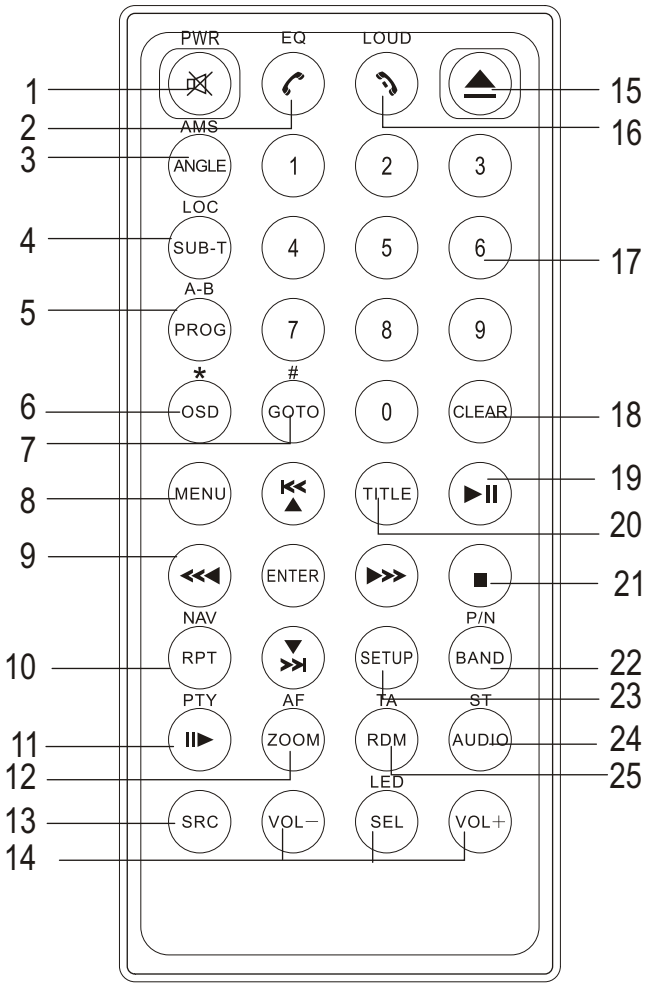
In FIG.3, the user can adjust the sound output effect leftwards or rightwards by tapping ◀ ▶ button; the sound output effect frontwards or rearwards by tapping ▲▼ button.

3.**Video**

Press on the VIDEO button and the screen will display as following:

In this setting, the user can adjust the value of CONTRAST, BRIGHTNESS and COLOR by tapping on the items at the left/right end of each value bar.
According to the specific condition, the user can adjust the light effect on screen by tapping SOFT, USER, NORMAL and BRIGHT modes.

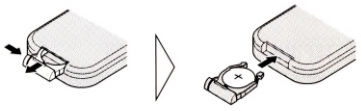
REMOTE CONTROL



REMOTE CONTROL

Installing the battery

Slide the tray out on the back of the remote control and insert the battery with the plus (+)and minus(-)poles pointing in the proper direction.



Use and care of the remote control

Point the remote control in the direction of the front panel to operate to use it.

Notes:

Using batteries improperly can cause them to explode. Take note of the following points:

* Keep the battery out of the reach of children. Should the battery be swallowed, immediately consult a doctor.
* Use one CR2025(3V)lithium battery.
* Remove the battery if the remote control is not to be used for a month or longer.
* Do not short-circuit, disassemble or heat batteries.
* Do not dispose of batteries into fire or flames.
* Dispose of spent batteries properly.
* Do not let the remote control fall onto the floor, where it may become jammed under the brake or accelerator pedals.

REMOTE CONTROL

1.***PWR*** ⏻
Press this button to turn on the unit. Press and hold this button to turn off.
In power on, press to shut off the sound output, press it again to resume the previous sound level.

2.***EQ*** ☾
Press to select the corresponding preset modes to adjust the sound quality.
In BT mode, press to dial up a call.

3.***ANGLE/AMS***
Press to change the viewing angle in DVD mode.
In radio mode, press to browse each stored station for 5 seconds respectively which have been stored.
Long press to scan and automatically store stations.

4.***SUB-T/LOC***
In DVD playback mode, press to change the subtitle language.
In radio mode, press to select a local station or distance station.

5.***PROG/A-B***
In DVD/VCD/CD mode, short press to set the program order to play.
In DVD/VCD/CD mode, press and hold to repeat selected A-B section.

6.***OSD/****
In DVD mode, press to display Title Elapsed, Title Remain, Chapter Elapsed, Chapter Remain, DisplayOff.
In VCD/CD mode, press to display Single Elapsed, Single Remain, Total Elapsed, Total Remain, Display Off.
In any mode, long press to display current time, current mode.
In BT mode, press this button to function as the button does on your cell phone.

7.***GOTO/#***
In DVD mode, press GOTO button and cursor button to select TITLE, CHAPTER, AUDIO, SUBTITLE, ANGLE, TT TIME, CH TIME, REPEAT, TIME DISP. Then press ENTER button to set the item.
In VCD mode, press GOTO button and cursor button to select TRACK, DISC TIME, TRACK TIME, REPEAT, TIME DISP. Then press ENTER button to set the item.
In CD mode, press GOTO button to select "Disc Go To:_ _ _", "Track Go To _:_ _:_ _", Select Track:_ _:xx".
Then press 0-9 number buttons to set the track or time what you want.
In radio mode ,press the button and the number button to set the frequency.
In BT mode, press this button to function as the button does on your cell phone.

8.***MENU***
Press to return to the root menu in DVD mode.

9. [⏮ /⏭][⏮ /⏭][▲/▼/◀/▶]/ENTER
In playback mode perform [fast reverse /fast forward][previous track/next track][upwards/downwards/leftwards/rightwards] and then press ENTER to execute the entering or the selected item in the system setting menu.
In radio mode, press⏮/⏭button to recall a stored station. Press ◀◀/▶▶button to seek a station automatically by short press and to seek a station manually by press and hold.

10.***RPT/NAV***
In disc playback mode, press this button to repeat playing.
Press and hold this button to start navigation mode.
11. ⏸▶ ***/PTY***
In radio mode, press this button to function PTY on/off.In DVD/VCD mode, press to play slowly.
12. ***ZOOM/AF***
In radio mode, press this button to function AF on/off.
In DVD/VCD mode, press to increase or decrease the picture in size.
13. ***SRC***
Press the button repeatedly to switch sources.
14. ***VOL-/SEL/VOL+,LED***
Press VOL-/VOL+ to adjust volume.
Press the button to start the system setup.
Press and hold LED button to switch between two LED modes.
15. ⏏
Short press to eject a disc.
Press and hold this button to force ejecting a disc when the system becomes frozen.
16. ***LOUD***
Press this button to activate LOUD function.
In bluetooth mode, press this button to reject your calling.
17. 0~9 numerals
In radio mode, number buttons(from 1to 6)can help you store you favourite station.
In DVD/VCD/CD mode, press to select any chapter or track directly.
18.***CLEAR***
Press the button to clear the erroneous number what you import.
19. ⏯
Press to pause playing and press again to resume playing.
20.***TITLE***
In DVD mode, press the button to return the title menu.
In VCD mode, press this button to display PBC function.
21.■
Press once to stop play. Press twice to stop completely.
22. ***BAND/P/N***
In radio mode, press to select bands.
In DVD/VCD mode, press P/N button to select PAL, AUTO or NTSC.
23.***SETUP***
In playback mode, short press to display DVD setting.
Press and hold in DVD mode and press in other modes will display system settings.
24. ***AUDIO/ST***
In DVD/VCD mode, press to change the audio language.
In FM mode, press to select stereo or mono reception.
25.***RDM/TA***
In radio mode, press this button to function TA on/off.
In playback mode, press to play tracks in a random order.

BASIC OPERATION

1.Reset the Unit

Operating the unit for the first time or after replacing the car battery, you must reset the unit.Press RESET button on the head unit with a pointed object, (such as a ballpoint pen) to set the unit to initial status.

*This function can only be operated by the head unit.

2.Turning the Unit On/Off

Press PWR/ ⊠ button on the remote control to turn on the unit. In unit ON, when insert a disc, the unit will automatically start playing. Long press it to turn off the unit completely.

*Pressing **PWR/MUTE** button on the front panel also performs the same operation.*

Note:

After the unit is off, the volume level is memorized during the area between 0 and 30. If it is set less than 6, it will resume to 6; if the set volume level is higher than 30, it will resume to 30; if it is between 6 and 30, it still stores in the status which you set.

3.Volume Control

Press VOL+ button on the remote control to increase the sound level and press VOL- button on the remote control to decrease the sound level.

Press (+ or -) on the front panel also performs the same operation.

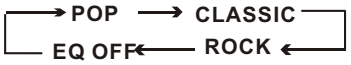
4. Mute Function

Press PWR/ ⊠ button to shut off the sound output. “MUTE ” will be displayed on the screen. Press it again to resume to previous volume level.

Press PWR/MUTE button on the panel also performs the same operation.

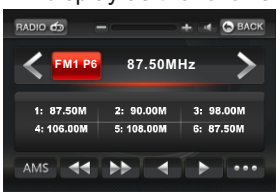
6.EQ Setting

While listening to the popular music, classic music or rock music, you can select the corresponding preset modes to adjust the sound quality perfectly by using EQ button on the remote control. Repeatedly pressing EQ button to choose the following modes in turn:



RADIO OPERATION

Selecting the radio mode, the TFT display as the follows:



1.Band Selector

In radio mode, repeatedly press BAND/P/N button on the remote control OR >/< button one the touch screen to select a band in the following order:

FM1 → FM2 → FM3 → MW1 → MW2 → FM1

2.Manual/Automatic Tuning

(1).Automatic Tuning: Press ◀◀ /▶▶ button on the remote control to search for a station in the direction of lower frequency or higher frequency.

(2). Manual Tuning: Press ◀ or ▶ button repeatedly to move downward or upward one step respectively until the desired station frequency is displayed.

**Press(press and hold) ⏮/⏭ button on panel also performs the operation.*

3.Recalling a preset station

A total of 30preset stations (18-FM,12-MW) are available in memory.

Press ⏮ /⏭ button on the remote control to recall a preset station.

The display shows the preset number and frequency of the stored station, touch one of these to select a corresponding station to listening.

**Press one of the station preset button on the remote control also selects preset station.*

4.Automatic/Manual Store

Auto store is a function for storing up to 6 stations.

(1)Select the desired band.

(2)Hold down AMS button ,the stations with good reception are stored automatically.

Manual store: turn in a station you wish to store in the preset memory, press and hold one the preset buttons (1-6) that you want to store on.

*If you store a station in a preset memory which already has a station the current station will be cleared and replaced with the new station.

5.DX/LOC Selector

In radio mode, press LOC button on the remote control to select strong or weak station reception.

(1). It is set to LOC mode when LOC button is first pressed. “Loc:ON” appears on the screen and only strong signal station will be tuned.

(2).It is switched to DX mode when Loc: OFF is pressed again. Both strong and weak stations can be received.

Note: The initial mode is DX mode.

6.MO/ST Selector

In FM of radio mode, you can press ST button on the remote control to select **Mono** mode or **Stereo** mode.

RADIO OPERATION

RDS (RADIO DATA SYSTEM) OPERATION

The RDS allows you to receive a variety of information such as traffic information, station names, and to automatically retune to a stronger transmitter that is broadcasting the same programme.

TIPS

The RDS digital data includes the followings:

PI Programme Identification
PS Programme Service Name
AF List of Alternative Frequencies
TP Traffic Programme
TA Traffic Announcement
PTY Programme Type
EON Enhanced Other Networks

Turn on/off the AF function

* Press AF button to switch on/off AF function.
*The tuner will searchfor a station with RDS information.
* The tuner will retune frequencies whenever the reception signals getting worse.

Receiving Traffic information

1.Press the TA button to switch on TA mode.
2.The unit search for traffic information station automatically. When a traffic information station is tuned in, the TP mark display on touchable screen. If you do not want to listen to the traffic information being received, press TA button to skip that traffic information message.
The TA function will remain in the ON position. And the unit will be back to previous mode.
3.Press it again to switch off TA mode.
* Traffic information is heard only when it is being broadcast.
In other mode, Traffic announcement can interrupt the source sound output when broadcast. After broadcasted ,the unit will automatically return to the original source play before the traffic information broadcast began.

PTY(Programme Type)Tuning

The PTY function allows you to search for stations with a particular Program Type. Touching Page1 button on the radio display screen to switch to the RDS screen.
1.Press PTY button on touchable screen or on the remote control to select a programme type. After selecting the programme type for 3 seconds, the unit will search for a station in the selected programme type.
*If the PTY station is found, the tuner will be stop searching.
*If the PTY station is not found,” No Pty” will be displayed on the screen.
All types for your selection are listed in table as below:：

NEWS	VARIED	FINANCE	COUNTRY
CURRENT AFFAIR	POP MUSIC	CHILDREN	NATIONAL
INFORMATION	ROCK MUSIC	SOCIAL AFFAIR	OLDIES
SPORTS	M.O.R. MUSIC	RELIGION	FOLK
EDUCATION	LIGHT CLASSIC	PHONE IN	DOCUMENTARY
DRAMA	SERIOUS CLASSIC	TRAVEL	TEST
CULTURE	OTHER MUSIC	LEISURE	ALARM
SCIENCE	WEATHER	JAZZ MUSIC	

An emergency broadcasting(ALARM) will broadcast automatically and produce the beep sound when it is received. The sound output through other source will be muted.

BLUETOOTH OPERATION

Select the BLUETOOTH mode

To select the BLUETOOTH mode, the users can make it done by the following ways:
1. Press on SRC/NAV button on the front panel to switch to BLUETOOTH mode;
2. Press on SRC button on the remote control to switch to BLUETOOTH mode;
3. Tap on the BLUETOOTH ICON at the MAIN MENU on the screen.

HANDS-FREE PHONE

The unit is compatible with Bluetooth international standard wireless communication technology. You can place a hands-free call by using a Bluetooth compatible with the mobile phone.

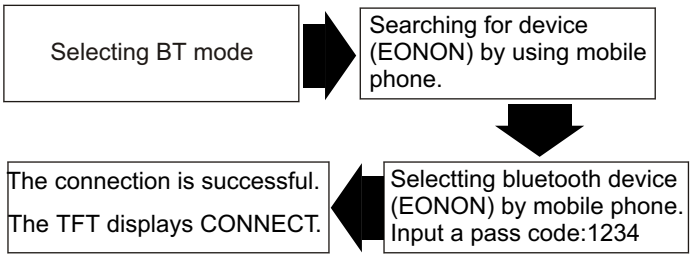
*When you place a call, speak loudly and clearly.

*Shut the windows before calling.

*It is normal that some unnatural voice may be heard during your calling which may be caused by the conditions of the signals or the one who uses the mobile phone.

*Due to some special mobile phone, you may not be able to use a hands-free phone.

CONNECTING


Selecting BT mode
Searching for device (EONON) by using mobile phone.
Selectting bluetooth device (EONON) by mobile phone. Input a pass code:1234
The connection is successful.
The TFT displays CONNECT.

*The Bluetooth setting is required for a mobile phone. Read the Owner's Manual of the mobile phone.

*After paired ,the unit can connect with the mobile phone automatically.（in valid range）

* If the mobile phone and the device are disconnected accidentally, the screen will display Disconnect, just press LINK button on the screen to reconnect(refer to Bluetooth setup).

NOTE

*Press / button on the remote control also performs dial(receiving) a call or hang up a call function

*The incoming call will interrupt the sound output through other source, and switch to the hands-free phone screen automatically when it is received. After the call is ended, the unit will be back to the previous mode.

* The hands-free phone sounds output through the built-in speakers. When calling, press Audio Transfer button on the screen to switch the mode to receive a call by using mobile phone, and press it again to return to hands-free mode.

BLUETOOTH OPERATION

1. **MAIN PAGE**

After selecting the bluetooth mode, MAIN PAGE will display as FIG.1. The user can dial up in this mode, input the number required by pressing number button on the remote control or on the screen then press button on remote control or on the screen to dial up.

The telephone number you dialed is appeared on the DISPLAY COLUMN.

FIG.1

2. **PHONE BOOK**

Tap on PHONE BOOK button on the screen shown above, the screen will display as following FIG.2.

There are three item : DIALED CALLS, RECEIVED CALLS and MISSED CALLS.

A maximum of 15 numbers can be stored in each call history. A maximum of 5 numbers will be displayed in each page. Tap on button to turn to previous/next page.(FIG.3)

You can place a call by selecting a number from a list of each item.

FIG.2

FIG.3

Receiving a Call

when a call is coming, the received call sound rings ,and the coming call number is shown in the display. Press button on the screen to starts the call.

End a Call or reject a call

Press button on the screen or on the remote control to end or reject the call.

BLUETOOTH OPERATION

3. **SETUP PAGE**
Tap on SETUP PAGE button on the screen shown in FIG.1, the screen will display as following FIG.4.

FIG.4

3.1 **AUTO-ANSWER**
ON: Tap on this button then the coming call will be answer automatically.
OFF: Tap on this button then the coming call will not be answer automatically.

3.2 **CONNECT**
AUTO: Tap on this button then the unit and the device will be reconnected automatically.
MANUAL: Tap on this button then the unit and the device will be reconnected manually.

3.3 **PAIR**
Tap on this button to pair up the unit and the device.

3.4 **RESET**
Tap on this button to reset the bluetooth setup.

4. BLUETOOTH AUDIO FUNCTION

Tap on A2DP PAGE button on the screen shown in FIG.1, the screen will display as following FIG.5.
Audio information of a bluetooth, compatible with mobile phone, portable player, etc., is transferred by wireless technology.

FIG.5

⏯ Play/pause
⏮ ⏭ Previous/next track
■ Stop playback

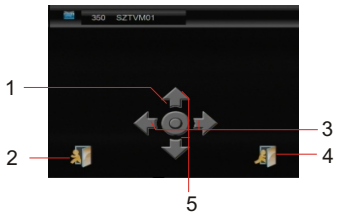
Refer to CONNECT details to connect bluetooth audio devices.

NOTE
*Video playback is not supported.
*Using remote control also performs the same operation.

DVB-T OPERATION

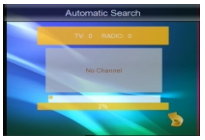
This equipment will serve you with the available received channels supplied by the mobile signals. Press SRC button on the panel or on the remote control or touch on the rght top of the screen then select TV mode.
Touch at random area to start the operation.

Main menu:

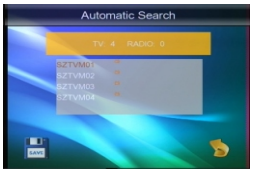


1.
To display the channel list
2.
To be back to previous interface
3.
To adjust the volume control
4.
To display the main menu
5.
To select the channels

Search automatically

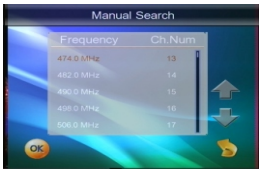


The unit can receive and store the channels according to the strength of the signal received after finishing searching the channel, all the searched station will be displayed and touch button to save it.



Touch to be back to previous menu.

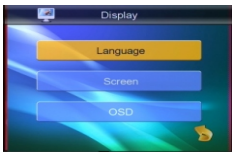
Search manually

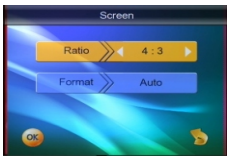


Touch button to switch frequency and touch OK button to confirm it.

DVB-T OPERATION

Display setup





Language
To switch the languages of the channels and touch OK button to select.
Screen
To adjust the ratio and format of the screen.
OSD
To setup the background of the screen.

SYSTEM SETUP

Country: To select the country or area.
*The preset channels will be cleared if the setup is changed.
Version: To display the version info.
Reset Default: To reset the setting.
*All the preset setting will be cleared.

When a channel is searched, touch button to display the channel list.
Press >>I/I<< buttons on the remote control or touch ⬇ ⬆ button to select channels and touch button to watch the selected channels.
Touch ⬅ / ➡ button to switch modes between TV and radio and touch button to confirm the selection.

DVD/VCD/CD OPERATIONS

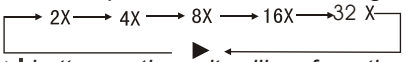
Loading a disc

1.Press ⏏ button to open the front panel.
2. Insert a disc into the Disc slot，the unit switch to the DVD mode automatically
* You can eject a disc by pressing ⏏ button on the unit.

Quick track selection fast forward/fast reward playback

During playback mode, press ⏮ / ⏭ button to select next/previous chapter or track.
**Press ⏮ /⏭ button on the unit also perform the same operation.*

Press the ◀◀ / ▶▶ button on the remote control to perform fast reward or fast forward.
Repeatedly press the button ,the options switch as following order:



**Press and hold the ⏮/⏭ button on the unit will perform the same function*.

Stop the playback

Press ■ button to stop playing, then press ENTER button to play the current chapter or track, press ■ button twice to stop playing completely, then press ENTER button to play the beginning of disc.

Pause the Playback

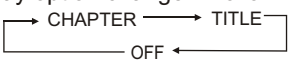
Press ⏯ button to pause the playback,press it again to return to normal playback.
**Pressing ⏯ button on the front panel also perform the same operation.*

Playing Tracks in Random Order

During DVD/VCD/CD playback, press RDM button, "RANDOM" will appear on the display, the unit plays any track at random and the number selection is de-available. Press it again to return to normal playing.

Repeat Playing

In playback mode, press RPT on the remote control to perform replaying function when you need to repeat the chapter you like.
During DVD playback, the replay option change in following order:

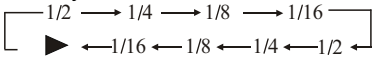


During VCD /CD playback, the replay option change in following order:

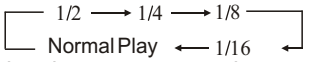
**The defaulted setting is disc repeated.*

Slow motion playback

In DVD mode, press ⏸► repeatedly to slow forward or slow reward, as follows:



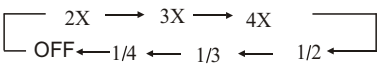
In VCD mode,press repeatedly to slow forward in following order.



This function is operated by using the remote control.

Increase or decrease the size of the picture

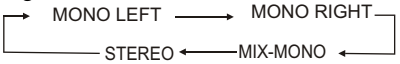
During DVD/VCD playback, press ZOOM button to increase or decrease the picture size. There are 6 sizes, and press the button repeatedly to change the size in following order.



**This function is operated by using the remote control.*

Selecting the channel mode(VCD mode)

In VCD mode, press the AUDIO button on the remote control repeatedly to select the channel mode in the following order:



Programmed playback

In DVD/VCD/CD mode, press the PROG button and the program menu will be displayed. Press the number buttons to select the track number. Use the direction buttons to move the cursor to START and press ENTER to start programmed playback. Move the cursor to EXIT and press ENTER to exit the programmed playback. Move the cursor to PREV and press ENTER to go to the last page; move the cursor to NEXT and press ENTER to go to the next page. During this process, press PROG to cancel the programmed playback.

* *This function can only be operated by using the remote control.*

Changing the subtitle language(Multi-subtitle)

With DVDs featuring multi-subtitle recordings. You can press SUB-T to switch between subtitle languages during playback.

Selection options switch as follows:

Subtitle 01 — Subtitles 2 — Subtitles OFF

Notes:

* This function only operates with DVDs featuring multi-subtitle recordings.

* This function is operated by using the remote control.

Changing the audio language

DVDs can provide audio playback with different language. With DVDs featuring multiaudio recordings, you can press AUDIO button to switch between language and audio systems during playback. Selection options switch as follows:

Audio 01 —— Audio 02

Notes:

* This function only operates with DVDs featuring multi-audio recordings.

* This function is operated by using the remote control.

Selecting different title (DVD mode)

For DVD disc, you can press TITLE on the remote control to return the top menu of the disc, and you can select different chapter or title upward or downward by using ▼ or ▲ .

**Touching the screen also perform the same function(refer to page 7 "Multi-player operation" for detail).*

Selecting root menu(DVD mode)

For DVD disc, you can press MENU to select different root menus, and then press [▲][▼][◀][▶][ENTER] buttons to enter the sub-menus. With pressing [▲][▼][◀][▶] buttons, and the number buttons then ENTER button to select and enter what you desired.

Setup menu

In DVD/VCD/CDmode, press SETUP,the screen will display system setting picture, the user can select some relative constant parameters. The user also can set it as needed by moving the cursor and using [▲][▼][◀][▶] buttons, and then press ENTER to execute the selecting or entering item.

**This function is operated by using the remote control.*

Notes:

* The selections are the preferred options that will be chosen if they are available on a disc. If the disc that is inserted does not have the preferred option then the discs own preference will be used.

* Regarding SETUP MENU, please refer to the following pages for more details.

* Some functions varies depending on the types of models or formats of the disc.

Auto switch to video

When playing DVD in driving car,there is "Attention: Cann't use function When driving" display on screen. Just braking car, the screen can switch to video automatically.

Auto switch when revering the car

The unit can switch to the radar of revering the car automatically,when revering the car.

SYSTEM SETUP

When you press **SETUP** button on the remote control, or press SETUP button on the screen, the setup menu will be displayed. It includes General Setting, Audio Setup, Preference ,Password Setup and Exit Setup menu.

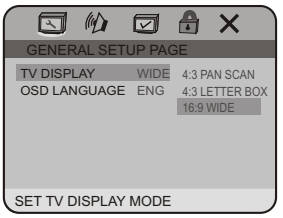
1.Within the setup menu, you can use [▲][▼][◀][▶] buttons on the remote control to move the cursor, and then press the ENTER button to make your selection.Press [◀] can return to the previous menu.

2.To exit setup menu, you can select the EXIT item in sub-menu or press SETUP button.

Note:touching the item on the screen also performs same operation.

1. GENERAL SETUP PAGE

1.1 TV DISPLAY



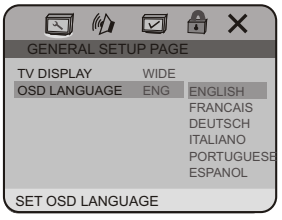
The TV Display which select the different ratio of display format and the screen of TV, There are various types of display on screen for different matches between Disc and TV.

Note:

- No matter which display format is selected, a picture recorded in standard 4:3 format always displays in the 4:3 aspect ratio.
- The display format of DVD titles may vary; please refer to the information that accompanies your specific DVD title.
- If the DVD title is recorded in 16:9 wide display format while the TV is a standard 4:3 screen, horizontal compression of the image will result.
- Some DVD titles may be recorded in special formats. In such cases, the DVD titles will always appear on the screen in their original format,regardless of which TV display format you select.

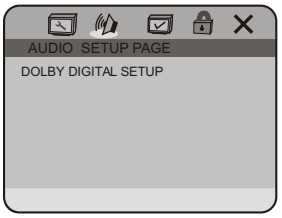
1.2 OSD LANGUAGE

On Screen Display(OSD)Language: Users can select the on-screen display language.

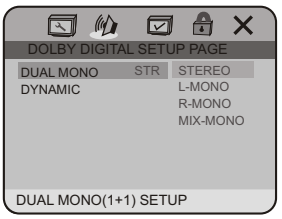


2. AUDIO SETUP PAGE

User can select digital audio setup or dolby digital setup.



2.1 DOLBY DIGITAL SETUP



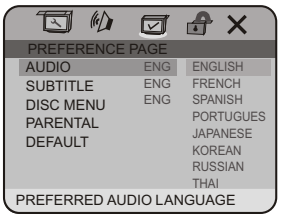
DUAL MONO: User can switch the binaural mode.
DYNAMIC: Select the provided option to change the Dynamic range setting.

3. PREFERENCE SETUP PAGE

The preference setting is active only when disc has been stopped completely, and the setting is effective on next time power on till exchanging the saved setting.

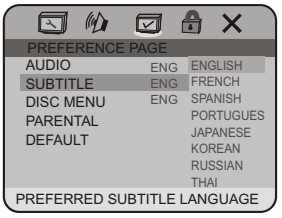
3.1 AUDIO

AUDIO: Sets the preferred audio language as the default when playing DVD. (If DVD support these languages).



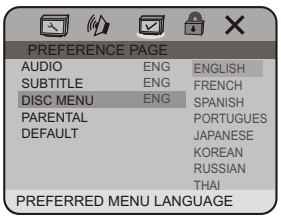
3.2 SUBTITLE

SUBTITLE: Sets the preferred subtitle language as the default when playing DVD.(if DVD support these languages).



3.3 DISC MENU

DISC MENU: Sets the preferred menu language as the default when playing DVD.(if DVD support these languages).

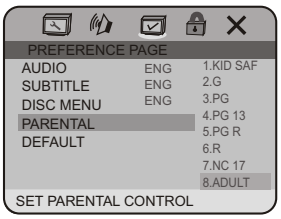


3.4 PARENTAL

PARENTAL: The parental control function works in conjunction with the different censorship classes assigned to DVDs. These classes help to control the types of DVDs that the family watches, there are up to 8 censorship classes for DVDs.

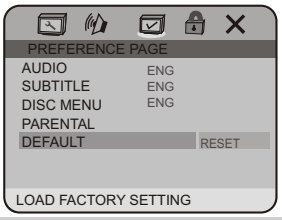
Note:

- The PARENTAL is changeable when 4.1 PASSWORD MODE set to **OFF**.
- After setting the level of parental control. Please set the password as **ON** to perform the lock of changing.



3.5 DEFAULT

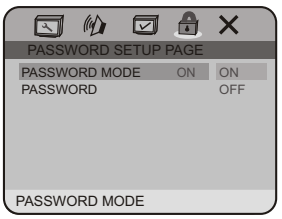
DEFAULT: Resets to the initial factory setups.Press ENTER button to confirm.



4. PASSWORD SETUP PAGE

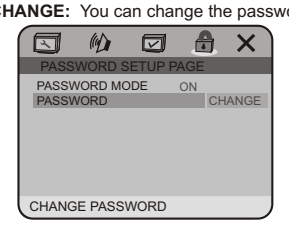
4.1 PASSWORD MODE

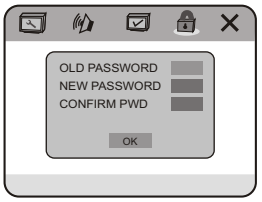
PASSWORD MODE: Sets the function operation to locking the parental function.
ON: Using the parental control must input the password.
OFF: You can not input the password to change the parental control.
* The initial password is 136900.



4.2 PASSWORD CHANGE

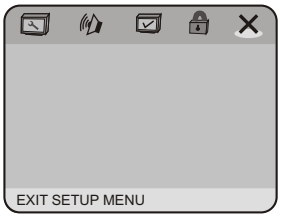
PASSWORD CHANGE: You can change the password, please type 6 numerals as new password.





Note:Touching the position where inputting password, the screen will display the number button,and user can input the password by touching number button.

5. EXIT SETUP MENU



Moving the cursor to × by using direction key on the remote control, then press ENTER button to exit the setup. Touching the × to exit directly.

SETTING THE TV SCREEN SIZE

Multi-aspect ratios suit to different TV screen size.

Picture format on Disc	TV Screen Size		
	4:3		16:9
	Pan Scan	Letter-box	Wide Screen
4:3				
16:9				

Function supported by DVD discs

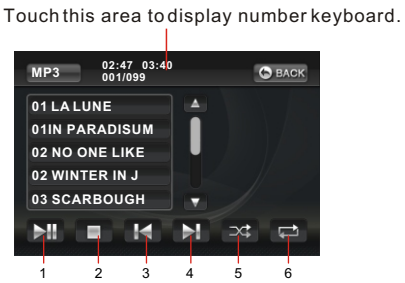
There are many functions available on DVD discs and the functions vary per player and per manufacturer.

ALL	Regional code and signal system	16:9 LB	Picture proportion modes
DIGITAL dts SURROUND	DTS surround	R RESTRICTED	Parent lock
8	Number of languages	4	Angles for viewing
32	Subtitle languages	CC	Closed Caption

MP3 OPERATION

Playing a disc, an SD/MMC card or a USB device containing MP3 files

Connect a USB device or press ⏏ button to open the front panel, insert a disc into the disc slot or SD/MMC card into the card slot. The unit will automatically switch on when a disc, card or USB device is inserted. The screen will display as follow:



1. ⏯ : To start/pause the playback.
2. ■ : To stop playing, touch twice to stop completely.
3-4. ⏮ ⏭ : To select previous/next chapter or track.
5. 🔀 : To play in random order.
6. 🔁 : To select one of the repeat modes.

Touch the ▼/▲ button on the screen to turn pages.
*Press ◀ / ▶ button on the remote control when stop playback also performs the same function.
*You can eject a disc by pressing ⏏ button on the unit.

Repeat playing

When playing MP3 files, press the RPT button repeatedly on the remote control to select repeat mode: REPEAT ONE, OFF. While in REPEAT ONE mode, it will play one track repeatedly. The defaulted mode is REPEAT ALL mode, the unit will play all tracks repeatedly.

Track selection

-Skip track backward/forward

When playing MP3 files, press ⏮/⏭ button on the remote control or press NEXT/PREV button on the touchable screen to go to the previous or next track.

- Selecting track by using number button

Selecting any track directly by using Number button(0-9).

To select more than 9 track number, press the corresponding number buttons continuously. For example, if you want to play the 23th track, just press button 2 and then press button 3 and the corresponding track will be played.

Note:

* This function can be operated using the remote control or touch the exact track by number keyboard jumped out to be functioned.
* If you make a mistake, press CLEAR button to clear.

Stop playing

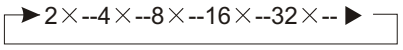
When playing MP3 files, press ■ button on the remote control to stop playback.

Pause playback

Press the ⏯ button on the remote control or press PAUSE button on the touchable screen while playing, press it again or press PLAY button on the touchable screen to return to normal playback.

Fast-forward/fast-backward playing

Press ◀◀ / ▶▶ button on the remote control to select the speed of fast playing in backward or forward direction:



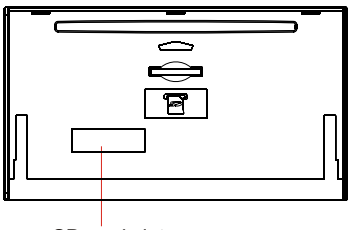
*Long press ⏮ / ⏭ button continuously on the front panel also perform the same function.

ISO FILE OPERATION

When playing the media with folders, press the ⏮ / ⏭ button on the remote control or PREV/NEXT buttons on the screen to move the cursor to current folder then press ENTER button on the remote control to confirm, and the first track of the current folder will be played.

NAVIGATION OPERATION

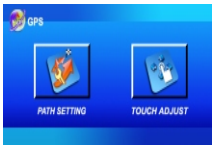
The GPS system can navigate with voice, when you do not drive on your preset line, the system will reset the line automatically to get the destination.
Press ⏏ button on the unit to open the panel, the SD card slot is at the bottom of the panel (shown as illustration). It supports SD card with memorized navigation map only.



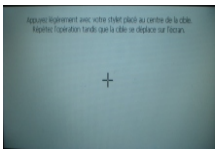
Press SRC button on the unit or on remote control repeatedly to access the navigation mode after insert SD card with stored navigating map.
**Long press SEL/NAV button* on the unit or on remote control *or Touching NAV item on source selection screen also activate the function.*

Calibration

To avoid the touching effect function invalid,please calibrate the touchable screen before perform navigating operation.



Press button on the touchable screen and the screen display as following:

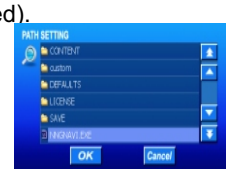


Please use something with needle end touching on the + button to finish the calibration.

NAVIGATION OPERATION

PATH SETTING

Click **PATH SETTING** button, pointing to the “.exe” file in the navigation software in your SD card(shown as illustrated).



Press OK button to start-up the software.
The navigation will auto-started after setting. Press CANCEL button to exit the PATH SETTING mode.

NOTE

Once the SD card could not eject automatically after pressing, just take it out manually. Touch the selection displayed on screen to perform the corresponding operation.

For more information regarding the NAV. Operation, please refer to the user manual of navigating electronic map.

Please confirm your place is not under the bridge, on the tunnel or near the building which can infect the signal received.

For safety, please avoid operating the system while driving.

GPS system is operated in background at any modes.

Do not take the SD card out when navigating to avoid freeze the unit

INSTALLATION

Notes

Before finally installing the unit, connect the wiring temporarily, making sure it is all connected up properly, and the unit and the system work properly.

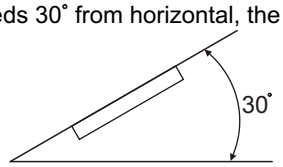
Use only the parts included with unit to ensure proper installation. The use of unauthorized parts can cause malfunctions.

Consult with your nearest dealer if installation requires the drilling of holes or other modifications of the vehicle.

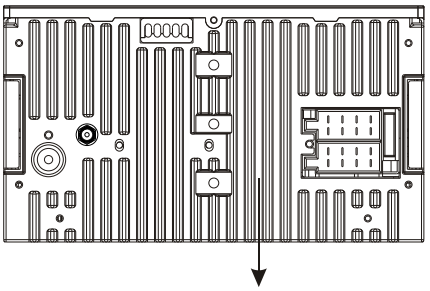
Install the unit where it does not get in the driver's way and cannot injure the passenger if there is a sudden stop.

The semiconductor laser will be damaged if it overheats, so don't install the unit anywhere hot--for instance, near a heater outlet.

If installation angle exceeds 30˚ from horizontal, the unit might not give its optimum performance.



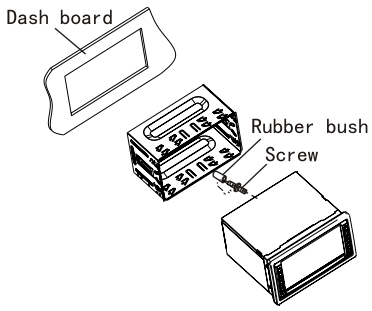
The cords must not cover up the area shown in the figure below. This is necessary to allow the enginery to radiate freely.



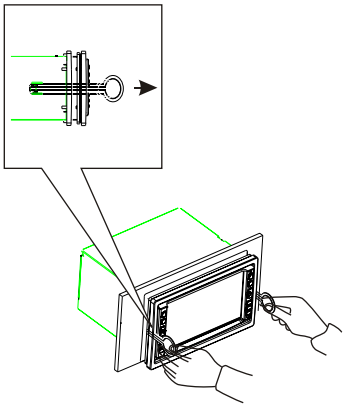
Do not close the back area

INSTALLATION

Install the unit
After inserting the holder into the dash-board,select the appropriate tabs according to the thickness of the dash-board material and bend them.(Install as firmly as possible using the top and bottom tabs. To secure, bend the tabs 90 degrees.)



Insert the keys supplied to the unit at both sides of the unit (shown as illustrated)until they click. Pulling the keys makes it possible to remove the unit from the dashboard.



TROUBLE SHOOTING

Common problems

Symptom	Cause	Remedy
Power doesn't switch ON . The unit doesn't operate.	Leads and connectors are incorrectly connected.	Confirm once more that all connections are correct.
	A fuse has blown.	Fix the problem causing the blown fuse and replace the old fuse with a new one of the same capacity.
	Noise and other factors are causing the built-in microprocessor to operate incorrectly.	Reset the unit.
Operation with the remote control isn't possible.	The remote control operation mode is incorrect.	Switch to the correct remote control mode.
	Battery power is low.	Load new batteries.
	Some operations are prohibited with certain discs.	Check using another disc.
Playback is not possible.	The disc is dirty.	Clean the disc.
	The loaded disc is a type this unit cannot play.	Check the type of the disc.
	Non compatible video system disc is loaded.	Change to a disc compatible to your video system.
There's no sound.	Connections are incorrect.	Check connections
	With some discs,96kHz output is prohibited.	Switch the output setting to 48 Khz.
	The unit is performing still F.FWD or F.REV playback.	There is no sound during still F.FWD , F.REV playback.
The prohibited mark ⊘ is displayed and operation is not possible.	The operation is prohibited for the disc.	This operation is not possible.
	The operation is not compatible with the disc's organization.	This operation is not possible.
The picture stops (pauses) and the unit cannot be operated.	Reading of data has become impossible during playback.	After pressing ■ once start playback once more.
There's no sound Volume level is low.	The volume level is low.	Raise the volume level.
There's audio and video skipping.	This unit is not firmly secured.	Secure this unit firmly.
The picture is stretched the aspect is incorrect.	The aspect setting is incorrect for the display.	Select the appropriate setting for your display.
When the ignition switch is turned ON (or turned to ACC), the motor sounds.	This unit confirms whether a disc is loaded or not.	This is a normal operation.

Problem during DVD playback

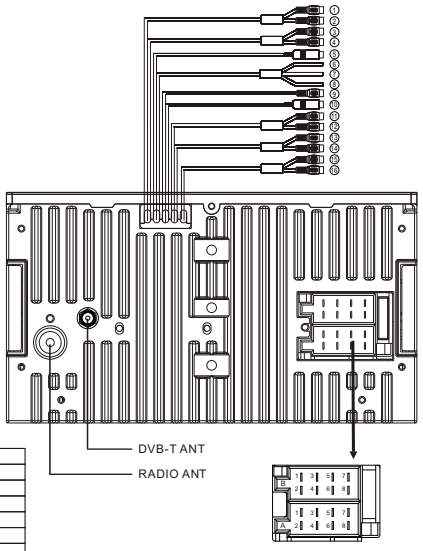
Symptom	Cause	Remedy
Playback is not possible	The loaded disc has a different region number from this unit	Replace the disc with one featuring the same region number as this unit
Dialog language (and subtitle language) can not be switched.	The DVD playing does not feature multiple language recordings.	You cannot switch among multiple languages if they aren't recorded on the disc
	You can only switch between options indicated in the disc menu	Switch using the disc menu
No subtitles are displayed	The DVD playing does not feature subtitles	Subtitles are not displayed if they are not recorded on the disc
	You can only switch between options indicated in the disc menu	Switch using the disc menu
Playback is not with the audio language and subtitle language settings selected in SET UP MENU	The DVD playing does not feature dialog or subtitles in the language selected in the SET UP MENU	Switching to a selected language is not possible if the language selected in the SET UP MENU is not recorded on the disc
The picture is extremely unclear/distorted and dark during playback	The disc features a signal to prohibit copying (some discs may have this)	Since this unit is compatible with the copy guard analog copy protect system. when playing a disc that has a signal prohibiting copying the picture may suffer from horizontal stripes or other imperfections when viewed on some displays. This does not mean this unit is malfunctioning.

Problem during Video CD playback

Symptom	Cause	Remedy
The PBC(playback control) menu display cannot be called up.	The video CD playing does not feature PBC	This operation is not possible with video Cds not featuring PBC
	PBC is switched OFF	Switch PBC ON
Repeat play and track/time search are not possible	PBC is switched ON	Switch PBC OFF.

CABLE CONNECTION

1	Shallow gray/White Plug	AUDIO OUT R.L
2	Shallow gray/Red Plug	AUDIO OUT R.R
3	Deep gray/White Plug	AUDIO OUT F.L
4	Deep gray/Red Plug	AUDIO OUT F.R
5	Black/Black Plug	IR
6	Orange	SWC1
7	Black	GND
8	Brown	SWC2
9	Brown/Brown Plug	SUB WOOFER OUT
10	Black/Black Plug	GPS ANT
11	Gray/Yellow Plug	REAR VIDEO OUT1
12	Gray/Yellow Plug	REAR VIDEO OUT2
13	Brown/Yellow Plug	REVERSE VIDEO IN
14	Black/Yellow Plug	VIDEO IN
15	Black/White Plug	AUX IN-L
16	Black/Red Plug	AUX IN-R



A1.PARKING BRAKE	B1.SPEAKER REAR R+
A2.TEL MUTE	B2.SPEAKER REAR R-
A3.REVERSE GEAR	B3.SPEAKER FRONT R+
A4.BATTERY	B4.SPEAKER FRONT R-
A5.ANTENNA POWER+	B5.SPEAKER FRONT L+
A6.ILL	B6.SPEAKER FRONT L-
A7.IGNITION KEY	B7.SPEAKER REAR L+
A8.GROUND	B8.SPEAKER REAR L-

ACCESSORIES

Mounting Bracket (Half Sleeve) ----------X1
Removable Trim Ring equipped on the unit ---------- X1
Mounting Screw M5 ---------- X1
Washer ---------- X1
Rubber ---------- X1
Remote Control ---------- X1
Mount strap ---------- X1
Release key ---------- X2
User manual ---------- X1
Wire connector ---------- X1
USB connector---------- X1
AV cable ---------- X1
Screws(M5X60)---------- X4
Screws(M24)---------- X1
DVB-T antenna ---------- X1
GPS antenna ---------- X1

SPECIFICATON

GENERAL

power requirement ---------- 12VDC(10.8~16V)
grounding system ----------negative type
max: current consumption ---------- 15 A
max: power output ---------- 65Wx4
load impedance ---------- 4Ω or 8Ω
dimensions----------180(L)×160(W)×100(H)MM
weight----------3.3KG

DVD PLAYER

S/N ratio ----------more than 60dB(1kHz)
dynamic range ----------more than 80dB(1kHz)
distortion ----------less than 0.15%
video output ---------- 1.0Vp--p+0.2V/75Ω
audio output (RCA) ---------- 2.0Vrms+0.3V 10KΩ

FM TUNER

frequency range ----------87.5~108.0MHz
usable sensitivity ---------->15dB
S/N ratio ---------- 50dB(mono)
distortion ----------1%(mono)
stereo separation ---------- 30dB(65dBu,1kHz)

MW TUNER

frequency range ---------- 522~1620 kHz
usable sensitivity ---------->35dB
signal-to-noise ratio ---------- 40dB

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